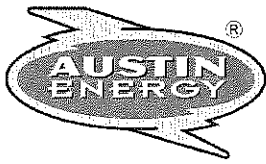


A U S T I N C I T Y C O U N C I L				
AGENDA				
Recommendation for Council Action				
Austin City Council	Item ID	33761	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
Subject				
Approve a resolution establishing an annual rebate payment limit of \$300,000 for the implementation of energy efficiency measures by commercial and multifamily customers.				
Amount and Source of Funding				
Funding is available in the Fiscal Year 2013-2014 Operating Budget of Austin Energy.				
Fiscal Note				
There is no unanticipated fiscal impact. A fiscal note is not required.				
Purchasing Language:				
Prior Council Action:	Council Resolutions 20070111-002, adopted January 11, 2007, 920430-12, adopted April 30, 1992, 940224-13, adopted February 24, 1994, and 95116-68, adopted November 16, 1995.			
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice-President, Customer Energy Solutions (512) 322-6327; Denise Kuehn, Director, Energy Efficiency Services (512) 322-6138.			
Boards and Commission Action:	To be reviewed by the Electric Utility Commission on June 16, 2014 and the Resource Management Commission on June 17, 2014.			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests approval to modify the current annual funding cap for the existing commercial and multifamily energy efficiency rebate programs to \$300,000 per fiscal year. Both programs currently have individual annual caps of \$200,000 per customer site.</p> <p>The current annual rebate limit of \$200,000 has limited the programs ability to promote technologies such as Thermal Energy Storage (TES) because of the large peak load reductions and the large up-front capital costs involved. TES systems deliver relatively large amounts of peak demand savings at a much lower cost per unit of energy saved than other technologies, and are thus of great benefit to the utility. The new rebate cap will encourage customers to install more of these systems.</p> <p>Austin Energy has determined that a new higher maximum limit is necessary to achieve its target goals for energy efficiency. Larger energy efficiency projects have a lower cost per unit of energy saved than smaller projects. Austin</p>				

Energy's strategic goal, as approved by Council, is to achieve 15% energy efficiency and 800 MW of peak demand reduction by the year 2020. Through this new rebate funding limit, Austin Energy will seek implementation of energy efficiency projects such as TES systems that will help the utility achieve its goal.

A U S T I N C I T Y C O U N C I L				
AGENDA				
<b>Recommendation for Council Action</b>				
Austin City Council	Item ID	33770	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
<b>Subject</b>				
<p>Authorize negotiation and execution of an agreement with Ben E. Keith Beverage, to provide a performance-based incentive for the generation of solar energy at its facility located at 4101 McKinney Falls Parkway in Austin, Texas, for an estimated \$35,905 per year, for a total amount not to exceed \$359,050 over a 10-year period.</p>				
<b>Amount and Source of Funding</b>				
<p>Funding in the amount of \$35,905 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
<b>Fiscal Note</b>				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
<b>Additional Backup Information</b>				
<p>Austin Energy requests authorization to enter into an agreement with Ben E. Keith Beverage, to provide a performance-based incentive (PBI) for an estimated \$35,905 per year, for a total amount not to exceed \$359,050 over the 10-year period for the generation of solar energy at its facility located at 4101 McKinney Falls Parkway in Austin, Texas 78744.</p>				
<p>The total installation cost is \$697,140 and the incentive will cover between 47% and 52% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 864 solar modules rated at 300 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.</p>				
<p>This energy improvement will save an estimated 326,406 kWh per year—enough to provide electricity to 29 average Austin homes for a year—and produce an estimated 326 Renewable Energy Credits (RECs) per year. These savings</p>				


are equivalent to the planting of 5,035 trees or 252 acres of forest in Austin's parks or the removal of 440,055 vehicle miles or 38 cars from Austin roadways. This project will save 216 tons of Carbon Dioxide (CO<sub>2</sub>); 272 pounds of Sulfur Dioxide (SO<sub>2</sub>); 301 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 209 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 146,883 gallons of water at the generation power plant (evaporation only).



## Austin Energy Project Fact Sheet Solar Applications

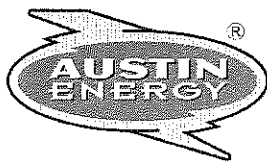
<b>File Number</b>	PBI174
<b>Customer Name</b>	Ben E. Keith Beverage
<b>Facility Address</b>	4101 McKinney Falls Parkway, Austin, Texas 78744
<b>Customer Contact</b>	Paul D. Holton
<b>Phone Number</b>	817-615-4383
<b>Estimated Total Incentives</b>	\$35,905 per year for 10-years
<b>Application Received Date</b>	5/14/2014
<b>Number of Modules</b>	864
<b>Wattage per Module (STC)</b>	300
<b>Inverter Efficiency</b>	97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$697,140
<b>Estimated kWh Savings</b>	326,406 kWh per year
<b>Estimated kW Demand Savings</b>	200 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	New construction, food and beverage distribution facility.



AUSTIN CITY COUNCIL				
AGENDA				
				
Recommendation for Council Action				
Austin City Council	Item ID	33772	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
Subject				
<p>Authorize negotiation and execution of an agreement with Build-A-Sign to provide a performance-based incentive for the generation of solar energy at its facility located at 11525 Stonehollow Drive Unit# 100 in Austin, Texas, for an estimated \$12,029 per year, for a total amount not to exceed \$120,290 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$12,029 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to enter into an agreement with Build-A-Sign, to provide a performance-based incentive (PBI) for an estimated \$12,029 per year, for a total amount not to exceed \$120,290 over the 10-year period for the generation of solar energy at its facility located at 11525 Stonehollow Drive Unit# 100 in Austin, Texas 78758.</p> <p>The total installation cost is \$219,312 and the incentive will cover between 50% and 55% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 272 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 66 kW-AC in demand savings is expected.</p> <p>This energy improvement will save an estimated 109,353 kWh per year—enough to provide electricity to 10 average Austin homes for a year—and produce an estimated 109 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,687 trees or 84 acres of forest in Austin's parks or the removal of 147,428 vehicle</p>				

miles or 13 cars from Austin roadways. This project will save 72 tons of Carbon Dioxide (CO<sub>2</sub>); 91 pounds of Sulfur Dioxide (SO<sub>2</sub>); 101 pounds of Nitrogen Oxide (NOX); and 70 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 49,209 gallons of water at the generation power plant (evaporation only).





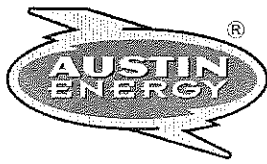
## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	PBI175
<b>Customer Name</b>	Build-A-Sign
<b>Facility Address</b>	11525 Stonehollow Drive Unit#100, Austin, Texas 78758
<b>Customer Contact</b>	Kit Mellen
<b>Phone Number</b>	512-814-5486
<b>Estimated Total Incentives</b>	\$12,029 per year for 10-years
<b>Application Received Date</b>	5/15/2014
<b>Number of Modules</b>	272
<b>Wattage per Module (STC)</b>	315
<b>Inverter Efficiency</b>	97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$219,312
<b>Estimated kWh Savings</b>	109,353 kWh per year
<b>Estimated kW Demand Savings</b>	66 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Existing office facility for BuildASign.com, an online custom printing provider.



A U S T I N C I T Y C O U N C I L				
A G E N D A				
Recommendation for Council Action				
Austin City Council	Item ID	33773	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
Subject				
<p>Authorize negotiation and execution of an agreement with Esperanza Hospitality, to provide a performance-based incentive for the generation of solar energy at its facility located at 2800 Esperanza Crossing in Austin, Texas, for an estimated \$6,821 per year, for a total amount not to exceed \$68,210 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$6,821 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to enter into an agreement with Esperanza Hospitality, to provide a performance-based incentive (PBI) for an estimated \$6,821 per year, for a total amount not to exceed \$68,210 over the 10-year period for the generation of solar energy at its facility located at 82800 Esperanza Crossing in Austin, Texas 78758.</p> <p>The total installation cost is \$129,000 and the incentive will cover between 48% and 55% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 128 solar modules rated at 327 watts and associated inverters rated at 96.5% efficiency. A total of 32 kW-AC in demand savings is expected.</p> <p>This energy improvement will save an estimated 62,007 kWh per year—enough to provide electricity to 5 average Austin homes for a year—and produce an estimated 62 Renewable Energy Credits (RECs) per year. These savings are</p>				

equivalent to the planting of 957 trees or 48 acres of forest in Austin's parks or the removal of 83,597 vehicle miles or 7 cars from Austin roadways. This project will save 41 tons of Carbon Dioxide (CO<sub>2</sub>); 52 pounds of Sulfur Dioxide (SO<sub>2</sub>); 57 pounds of Nitrogen Oxide (NOX); and 40 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 27,903 gallons of water at the generation power plant (evaporation only).



## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	PBI168
<b>Customer Name</b>	Esperanza Hospitality
<b>Facility Address</b>	2800 Esperanza Crossing, Austin, Texas 78758
<b>Customer Contact</b>	A.K. Patel
<b>Phone Number</b>	806-584-2284
<b>Estimated Total Incentives</b>	\$6,821 per year for 10-years
<b>Application Received Date</b>	5/14/2014
<b>Number of Modules</b>	128
<b>Wattage per Module (STC)</b>	327
<b>Inverter Efficiency</b>	96.5%
<b>Solar Contractor</b>	Circular Energy
<b>Contractor Contact</b>	Miles Whitton
<b>Contractor Phone</b>	512-470-8704
<b>Installation Cost</b>	\$129,000
<b>Estimated kWh Savings</b>	62,007 kWh per year
<b>Estimated kW Demand Savings</b>	32 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	New construction hotel in Austin.



AGENDA



Recommendation for Council Action

Austin City Council	Item ID	33806	Agenda Number	<ITEM_OUTLINE>
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Meeting Date:	6/26/2014	Department:	Austin Energy
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Subject

Authorize negotiation and execution of an agreement with Goodwill Industries of Central Texas to provide a performance-based incentive for the generation of solar energy at its facility located at 8965 Research Boulevard in Austin, Texas, for an estimated \$18,304 per year, for a total amount not to exceed \$183,040 over a 10-year period.

Amount and Source of Funding

Funding in the amount of \$18,304 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.
Boards and Commission Action:	To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.
MBE / WBE:	
Related Items:	

Additional Backup Information

Austin Energy requests authorization to enter into an agreement with Goodwill Industries of Texas, to provide a performance-based incentive (PBI) for an estimated \$18,304 per year, for a total amount not to exceed \$183,040 over the 10-year period for the generation of solar energy at its facility located at 8965 Research Boulevard in Austin, Texas 78758.

The total installation cost is \$350,000 and the incentive will cover between 48% and 52% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 422 solar modules rated at 315 and 240 watts and associated inverters rated at 97.5% and 95.5% efficiency. A total of 101 kW-AC in demand savings is expected.

This energy improvement will save an estimated 166,392 kWh per year—enough to provide electricity to 15 average Austin homes for a year—and produce an estimated 166 Renewable Energy Credits (RECs) per year. These savings

are equivalent to the planting of 2,567 trees or 128 acres of forest in Austin's parks or the removal of 224,327 vehicle miles or 19 cars from Austin roadways. This project will save 110 tons of Carbon Dioxide (CO<sub>2</sub>); 139 pounds of Sulfur Dioxide (SO<sub>2</sub>); 154 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 107 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 74,876 gallons of water at the generation power plant (evaporation only).






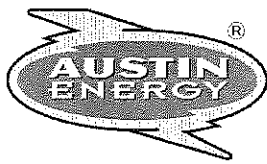
## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	PBI179
<b>Customer Name</b>	Goodwill Industries of Central Texas
<b>Facility Address</b>	8965 Research Boulevard , Austin, Texas 78758
<b>Customer Contact</b>	Allen Whitley
<b>Phone Number</b>	512-637-7100
<b>Estimated Total Incentives</b>	\$18,304 per year for 10-years
<b>Application Received Date</b>	5/15/2014
<b>Number of Modules</b>	422
<b>Wattage per Module (STC)</b>	315 & 240
<b>Inverter Efficiency</b>	96% & 97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$350,000
<b>Estimated kWh Savings</b>	166,392 kWh per year
<b>Estimated kW Demand Savings</b>	101 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Existing Goodwill computer center.



A U S T I N C I T Y C O U N C I L				
AGENDA				
				
Recommendation for Council Action				
Austin City Council	Item ID	33807	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
Subject				
<p>Authorize negotiation and execution of an agreement with Goodwill Industries of Texas to provide a performance-based incentive for the generation of solar energy at its facility located at 9111 S. 1st Street in Austin, Texas, for an estimated \$7,865 per year, for a total amount not to exceed \$78,650 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$7,865 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to enter into an agreement with Goodwill Industries of Texas, to provide a performance-based incentive (PBI) for an estimated \$7,865 per year, for a total amount not to exceed \$76,650 over the 10-year period for the generation of solar energy at its facility located at 9111 S. 1<sup>st</sup> Street in Austin, Texas 78748.</p> <p>The total installation cost is \$160,000 and the incentive will cover between 45% and 49% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 187 solar modules rated at 315 and 240 watts and associated inverters rated at 97.5% and 96% efficiency. A total of 61 kW-AC in demand savings is expected.</p> <p>This energy improvement will save an estimated 71,493 kWh per year—enough to provide electricity to 6 average Austin homes for a year—and produce an estimated 71 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 1,103 trees or 55 acres of forest in Austin's parks or the removal of 96,386 vehicle miles</p>				

or 8 cars from Austin roadways. This project will save 47 tons of Carbon Dioxide (CO<sub>2</sub>); 60 pounds of Sulfur Dioxide (SO<sub>2</sub>); 66 pounds of Nitrogen Oxide (NO<sub>x</sub>); and 46 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 32,172 gallons of water at the generation power plant (evaporation only).



## Austin Energy Project Fact Sheet Solar Applications

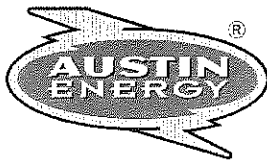
<b>File Number</b>	PBI178
<b>Customer Name</b>	Goodwill Industries of Texas
<b>Facility Address</b>	9111 S. 1 <sup>st</sup> Street, Austin, Texas 78748
<b>Customer Contact</b>	Allen Whitley
<b>Phone Number</b>	512-637-7100
<b>Estimated Total Incentives</b>	\$7,865 per year for 10-years
<b>Application Received Date</b>	5/15/2014
<b>Number of Modules</b>	187
<b>Wattage per Module (STC)</b>	315 & 240
<b>Inverter Efficiency</b>	96% & 97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$160,000
<b>Estimated kWh Savings</b>	71,493 kWh per year
<b>Estimated kW Demand Savings</b>	61 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Existing Goodwill facility.



AUSTIN CITY COUNCIL				
AGENDA				
Recommendation for Council Action				
Austin City Council	Item ID	33808	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014	Department:	Austin Energy	
Subject				
<p>Authorize negotiation and execution of an agreement with Westminster Manor, to provide a performance-based incentive for the generation of solar energy at its facility located at 4100 Jackson Avenue in Austin, Texas, for an estimated \$33,704 per year, for a total amount not to exceed \$337,040 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$33,704 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to enter into an agreement with Westminster Manor, to provide a performance-based incentive (PBI) for an estimated \$33,704 per year, for a total amount not to exceed \$337,040 over the 10-year period for the generation of solar energy at its facility located at 4100 Jackson Avenue in Austin, Texas 78744.</p> <p>The total installation cost is \$785,000 and the incentive will cover between 41% and 47% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 828 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 200 kW-AC in demand savings is expected.</p> <p>This energy improvement will save an estimated 320,997 kWh per year—enough to provide electricity to 28 average Austin homes for a year—and produce an estimated 320 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 5,035 trees or 248 acres of forest in Austin's parks or the removal of 432,763 vehicle</p>				

miles or 37 cars from Austin roadways. This project will save 216 tons of Carbon Dioxide (CO<sub>2</sub>); 272 pounds of Sulfur Dioxide (SO<sub>2</sub>); 296 pounds of Nitrogen Oxide (NOX); and 206 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 144,449 gallons of water at the generation power plant (evaporation only).






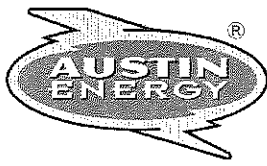
## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	PBI180
<b>Customer Name</b>	Westminster Manor
<b>Facility Address</b>	4101 McKinney Falls Parkway, Austin, Texas 78744
<b>Customer Contact</b>	Charles Borst
<b>Phone Number</b>	512-600-7320
<b>Estimated Total Incentives</b>	\$33,704.69 per year for 10-years
<b>Application Received Date</b>	5/30/2014
<b>Number of Modules</b>	828
<b>Wattage per Module (STC)</b>	315
<b>Inverter Efficiency</b>	97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$785,000.00
<b>Estimated kWh Savings</b>	320,997 kWh per year
<b>Estimated kW Demand Savings</b>	200 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Retirement Community



AUSTIN CITY COUNCIL				
AGENDA				
				
Recommendation for Council Action				
Austin City Council	Item ID	33817	Agenda Number	<ITEM_OUTLINE>
Meeting Date:	6/26/2014		Department:	Austin Energy
Subject				
<p>Authorize negotiation and execution of an agreement with Build-A-Sign to provide a performance-based incentive for the generation of solar energy at its facility located at 11550 Stonehollow Drive in Austin, Texas, for an estimated \$31,495 per year, for a total amount not to exceed \$314,950 over a 10-year period.</p>				
Amount and Source of Funding				
<p>Funding in the amount of \$31,495 is included in the proposed Fiscal Year 2013-2014 Operating Budget of Austin Energy.</p>				
Fiscal Note				
<p>There is no unanticipated fiscal impact. A fiscal note is not required.</p>				
Purchasing Language:				
Prior Council Action:				
For More Information:	<p>Jeff Vice, Director, Local Government Issues (512) 322-6087; Debbie Kimberly, Vice President, Distributed Energy Services (512) 322-6327; Danielle Murray, Solar Program Manager (512) 322-6055.</p>			
Boards and Commission Action:	<p>To be reviewed by the Electric Utility Commission on June 16, 2014, and the Resource Management Commission on June 17, 2014.</p>			
MBE / WBE:				
Related Items:				
Additional Backup Information				
<p>Austin Energy requests authorization to enter into an agreement with Build-A-Sign, to provide a performance-based incentive (PBI) for an estimated \$31,495 per year, for a total amount not to exceed \$314,950 over the 10-year period for the generation of solar energy at its facility located at 11550 Stonehollow Drive in Austin, Texas 78758.</p> <p>The total installation cost is \$719,712 and the incentive will cover between 40% and 44% of the cost. The PBI level for this project is \$0.10 per kWh for 10 years. The solar equipment, which meets Austin Energy program requirements, includes a total of 714 solar modules rated at 315 watts and associated inverters rated at 97.5% efficiency. A total of 173 kW-AC in demand savings is expected.</p> <p>This energy improvement will save an estimated 286,310 kWh per year—enough to provide electricity to 25 average Austin homes for a year—and produce an estimated 286 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 4,417 trees or 221 acres of forest in Austin's parks or the removal of 385,998 vehicle</p>				

miles or 33 cars from Austin roadways. This project will save 190 tons of Carbon Dioxide (CO<sub>2</sub>); 239 pounds of Sulfur Dioxide (SO<sub>2</sub>); 264 pounds of Nitrogen Oxide (NOX); and 184 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere, and 128,840 gallons of water at the generation power plant (evaporation only).



## Austin Energy Project Fact Sheet Solar Applications

<b>File Number</b>	PBI176
<b>Customer Name</b>	Build-A-Sign
<b>Facility Address</b>	11550 Stonehollow Drive, Austin, Texas 78758
<b>Customer Contact</b>	Kit Mellen
<b>Phone Number</b>	512-814-5486
<b>Estimated Total Incentives</b>	\$31,495 per year for 10-years
<b>Application Received Date</b>	5/15/2014
<b>Number of Modules</b>	714
<b>Wattage per Module (STC)</b>	315
<b>Inverter Efficiency</b>	97.5%
<b>Solar Contractor</b>	Meridian Solar
<b>Contractor Contact</b>	Joe Schmitz
<b>Contractor Phone</b>	512-448-0055
<b>Installation Cost</b>	\$719,712
<b>Estimated kWh Savings</b>	286,310 kWh per year
<b>Estimated kW Demand Savings</b>	173 kW-AC
<b>Estimated Date of Completion</b>	TBD
<b>Site Information/Additional Comments</b>	Existing production facility for BuildASign.com, an online custom printing provider.

